

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) Heat-protected thermoplastic component having a carrier layer made of a thermoplastic synthetic and an unperforated metallic foil connected to said carrier layer, wherein said unperforated metallic foil comprises a plurality of folding pockets, which are partially compressed, turned-over or folded and therefore form unperforated folding pockets, which are embedded in the carrier layer such that a mechanical anchoring is obtained between said folding pockets and the carrier layer, each of the plurality of the folding pockets having a random deformation ~~in comparison to any other of each of the plurality of the folding pockets.~~
2. (Previously presented) The heat-protected thermoplastic component according to claim 1, wherein the thermoplastic synthetic is an endless fiber reinforced thermoplast (LFT).
3. (Previously presented) The heat-protected thermoplastic component according to claim 1, wherein the thermoplastic synthetic is a glass fiber reinforced synthetic (GMT).
4. (Previously presented) The heat-protected thermoplastic component according to claim 1, wherein the unperforated metallic foil is an aluminium foil.

5. (Previously presented) The heat-protected thermoplastic component according to claim 4, wherein the aluminium foil has a thickness of 0.01 to 0.1 mm.
6. (Canceled)
7. (Previously presented) The heat-protected thermoplastic component according to claim 1, wherein, between the unperforated metallic foil and the thermoplastic carrier layer there is provided a hotmelt adhesive.
8. (Previously presented) The heat-protected thermoplastic component according to claim 1, wherein a bond between said thermoplastic synthetic and said unperforated metallic foil has a peeling resistance W_s , after a constant exposure over more than 1000 hours to temperatures of about 140°C, of at least 0.15 N/mm².
9. (Previously presented) The heat-protected thermoplastic component according to claim 1, wherein a peeling resistance W_s , after a constant exposure over more than 1000 hours to temperatures of about 140°C, of a bond between said thermoplastic synthetic and said metallic foil is reduced by no more than 20%.
10. (Previously presented) The heat-protected thermoplastic component according to claim 1, wherein said component is a vehicle underside component.

11. (Canceled)

12. (New) A method of making a heat-protected thermoplastic component comprising:

inlaying a geometrically deformed unperforated metallic foil having a plurality of pockets therein with a carrier layer;

inserting the inlaid unperforated metallic foil and carrier layer in a mold together with any synthetic material to be formed;

closing the mold, thereby partially compressing, turning-over or folding the pockets to form a multitude of unperforated folding pockets anchored in the carrier layer, each of the plurality of the folding pockets embedded in the carrier layer and having a random deformation, and

thereby mechanically coupling the metallic foil to the carrier layer and any synthetic material.